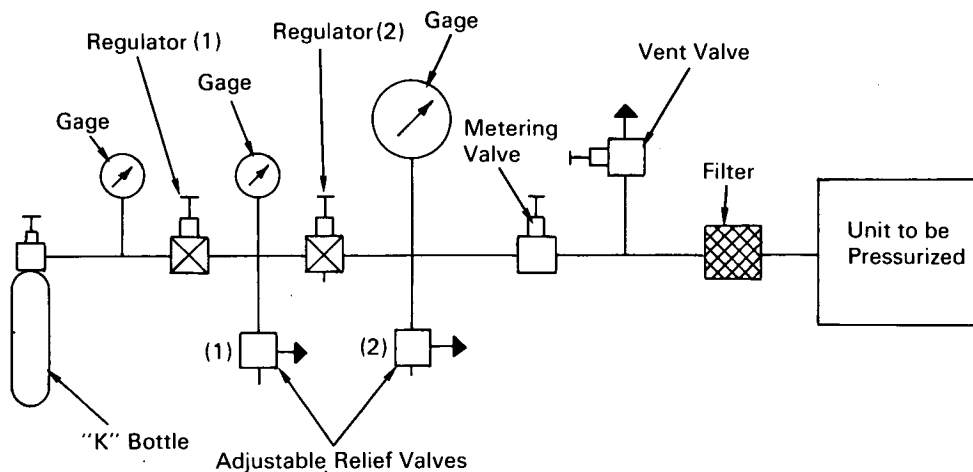


NASA TECH BRIEF



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Compact Monitoring and Control Console for Pressurized Gas Bottles



Note: Schematic Shows Assembly for Low-Pressure Range (0-60 psig). Relief Valve (1) and Regulator (2) are Omitted for High Pressures (60-2000 psig)

A compact monitoring and control console has been designed for dispensing gas over a range of pressures from conventional compressed-gas cylinders ("K" bottles). The console is easily mounted on any "K" bottle and uses only two fittings for connecting a bottle to a unit to be pressurized. It incorporates in a single assembly the necessary gages, control and relief valves, pressure regulators, and filters for a portable pressurization system that can be used in welding and other operations requiring a controlled gas supply.

Note:

No additional documentation is available. Questions may be referred to:

Technology Utilization Officer
Marshall Space Flight Center
Huntsville, Alabama 35812
Reference: B68-10401

Patent status:

No patent action is contemplated by NASA.

Source: B. Freeman and C. A. Pilichi
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Category 05